

# Safety Data Sheet

according to WHS Regulations

Printing date 22.04.2021

Revision: 22.04.2021

## 1 Identification

**Product Name: Optifert EDTA Ca****Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Agricultural fertiliser**Details of Manufacturer or Importer:**Titan Ag Pty Ltd  
15/16 Princes Street  
Newport, NSW 2106**Phone Number:** 02 9999 6655**Emergency telephone number:** 02 9999 6655

## 2 Hazard(s) Identification

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None**Hazard Statements** None

## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** No reportable hazardous substances or complex substances.**Hazardous Components:** None**Non Hazardous Components:**

CAS: 59650-34-9	Potassium calcium edetate	100%
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## 4 First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms persist.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.

**Ingestion:**

If swallowed, induce vomiting. Immediately rinse mouth with water. Give 2-3 glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms persist.

**Symptoms Caused by Exposure:**

Inhalation: No adverse health effects expected.

Skin Contact: No adverse health effects expected.

Eye Contact: May cause mild eye irritation, redness and lachrymation.

Ingestion: No adverse health effects expected.

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**Medical Attention and Special Treatment:** Provide symptomatic treatment.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include carbon monoxide, carbon dioxide and oxides of nitrogen (NOx).

Product is not flammable but may burn or decompose in a fire.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear protective equipment. Keep unprotected persons away.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and sweep into a pile and shovel into drums for subsequent disposal. Avoid generating dust by wet-brushing. Provide adequate ventilation. Wash the contaminated spill area with water.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed. Protect from heat, sparks, open flames and hot surfaces. Recommended storage temperature: -5°C to 30°C.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Natural ventilation should be adequate under normal use conditions.**Respiratory Protection:**

Respiratory protection is not required under normal use conditions.

Use an approved respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of dust, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Use nitrile protective gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards

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the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Safety goggles for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	No information available
<b>pH-Value (10 g/l) :</b>	8.0 ± 1.0
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Not flammable
<b>Ignition Temperature</b>	Not applicable
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	No information available
<b>Density:</b>	0.85 ± 0.1 g/cm <sup>3</sup>
<b>Relative Density:</b>	No information available
<b>Vapour Density:</b>	No information available
<b>Solubility in Water:</b>	No information available
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Solvent separation test:</b>	No information available

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** No known hazardous reactions.

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:**

Heat, sparks, open flames, hot surfaces and storage at temperatures below -5°C or above 30°C.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** Nitrogen oxides (NO<sub>x</sub>), carbon dioxide and carbon monoxide.

### 11 Toxicological Information

**Toxicity:****Acute Health Effects**

**Inhalation:** No adverse health effects expected.

**Skin:** No adverse health effects expected.

**Eye:** May cause mild eye irritation, redness and lachrymation.

**Ingestion:** No adverse health effects expected.

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**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** Not expected to be a hazard.**Existing Conditions Aggravated by Exposure:** Not expected to be a hazard.

### 12 Ecological Information

**Ecotoxicity:** Has not been tested as a whole for ecological effects.**Aquatic toxicity:** No data available on finished product.**Persistence and Degradability:** The product is not easily, but potentially biodegradable.**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.**Mobility in Soil:** Mobile when released into soil.**Other adverse effects:** No further relevant information available.

### 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

### 14 Transport Information

**UN Number** Not regulated.**Proper Shipping Name** Not regulated.**Dangerous Goods Class** Not regulated.**Packing Group:** Not regulated.

### 15 Regulatory Information

**Australian Inventory of Industrial Chemicals:**

This product contains no hazardous ingredients.

CAS: 59650-34-9 Potassium calcium edetate

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**

Not a scheduled poison.

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**Australia: Priority Existing Chemicals**

None of the ingredients is listed.

**16 Other Information****Date of Preparation or Last Revision:** 22.04.2021**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020"

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